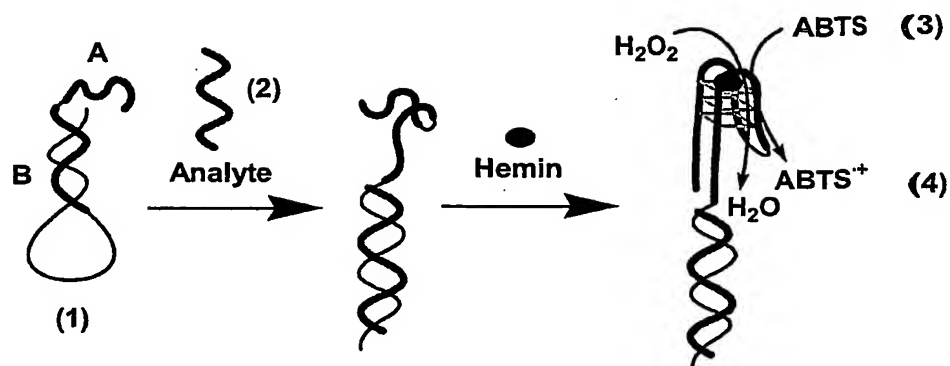
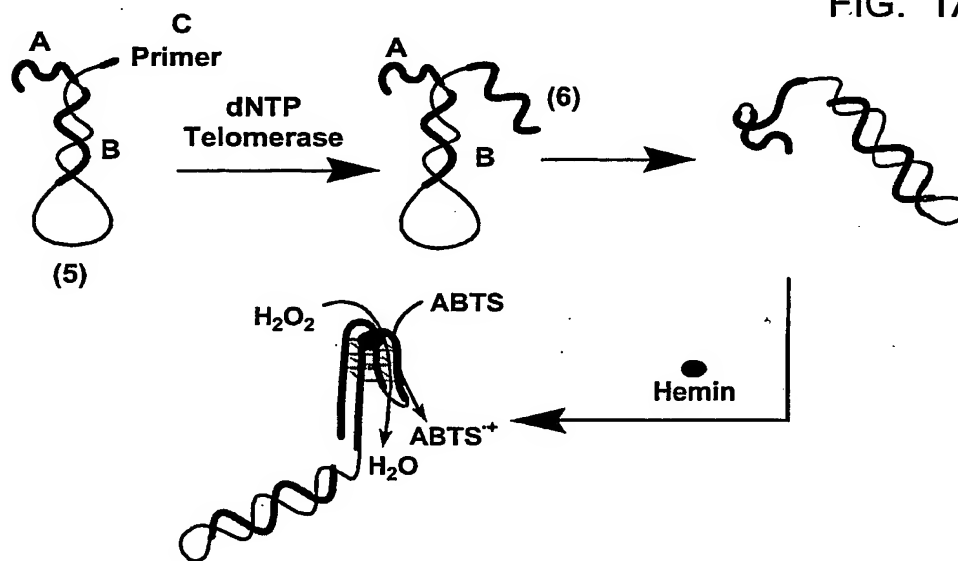


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(1)=5'-CCCTACCCAGCCTTAAGTGTAGTACTGGTGAAATTGCTGCC  
ATTGGGTAGGGCGGGTTGGG-3'  
(2) = 5'-AATGGCAGCAATTTACCCAGTACTACAGTTAAGGC-3'  
(2a) = 5'-AATCGCAGCAATTTACCCAGTACTACAGTTAAGGC-3'  
(2b) = 5'-AATGGCAGCAATTTAC GAGTACTACAGTTAAGGC-3'

FIG. 1A



(5)=5'-TGGGTAGGGCGGGTTGGGAAATAACCCTAACCCTAACCCT  
AACCCTAACCCTAACCCTAACCCTAATCCGTCGAGCAGAGTT-3'  
(6) = 5'-AATCCGTCGAGCAGAGTTAG(GGTTAG)<sub>n</sub>-3'

FIG. 1B

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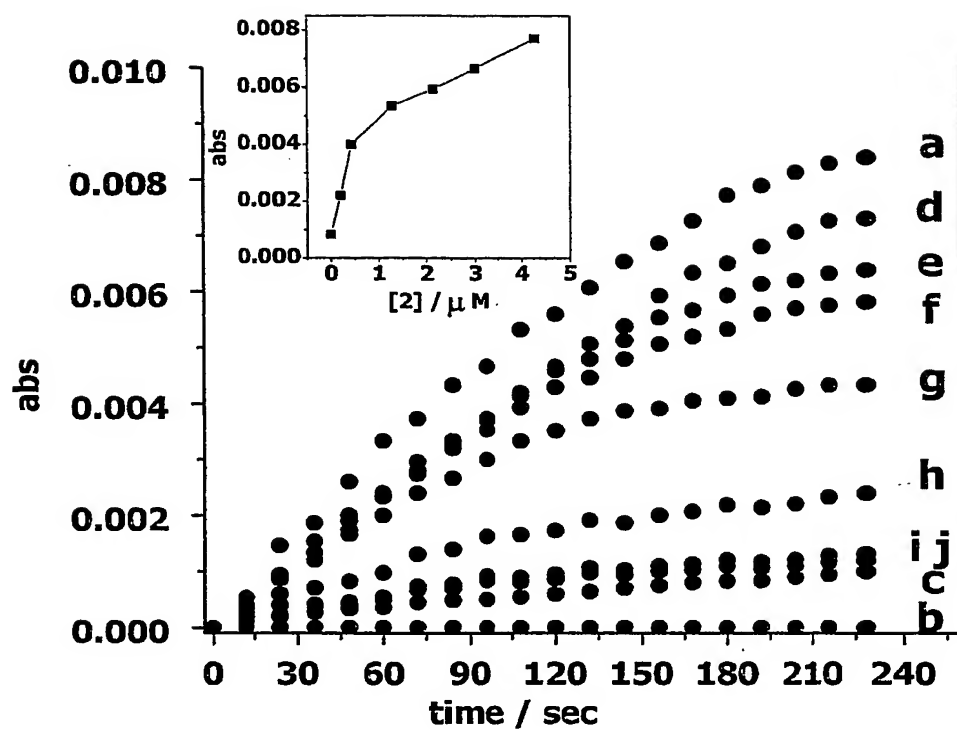


FIG. 2

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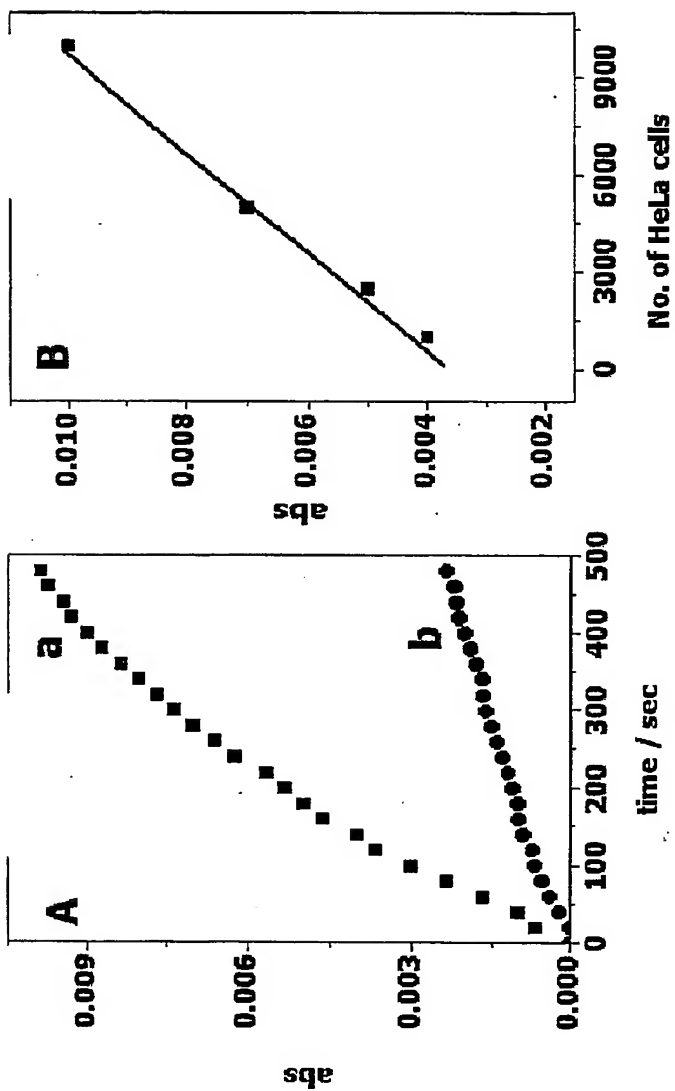
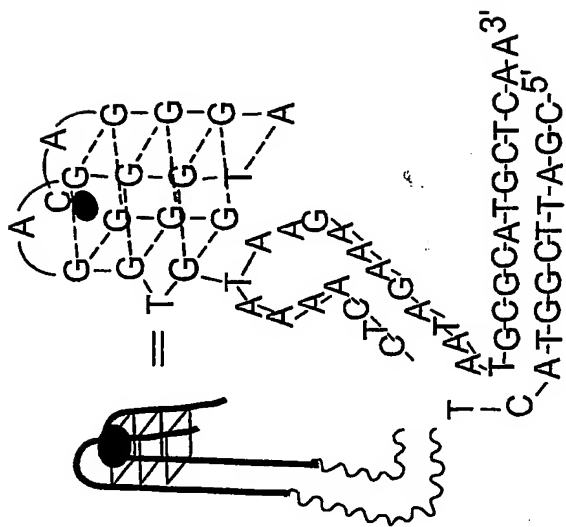
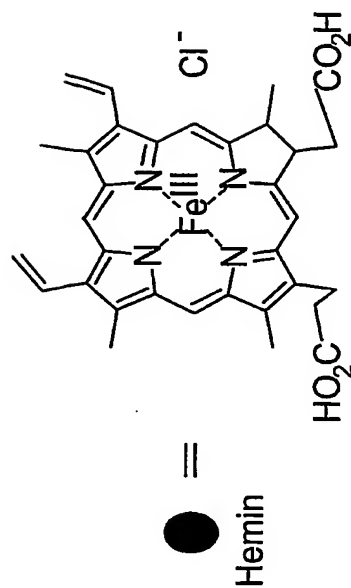
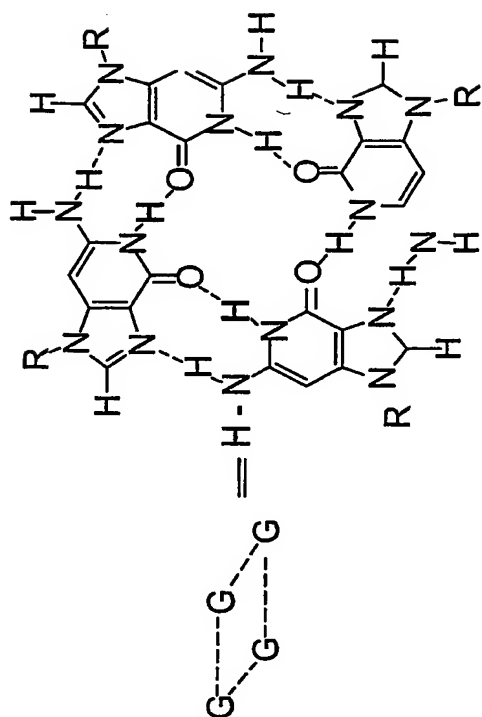


FIG. 3B

FIG. 3A

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(Suggested G-quadruplex/hemin structure)

FIG. 4A

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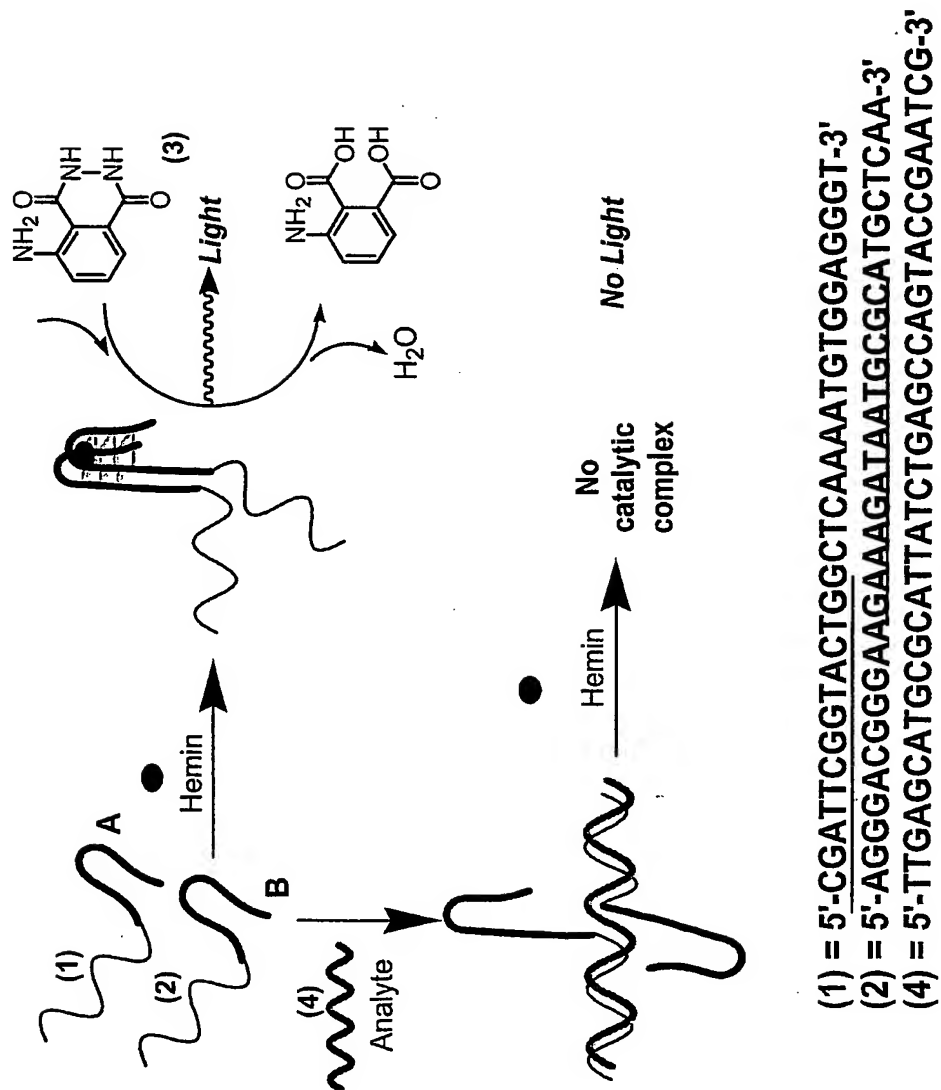


FIG.4B

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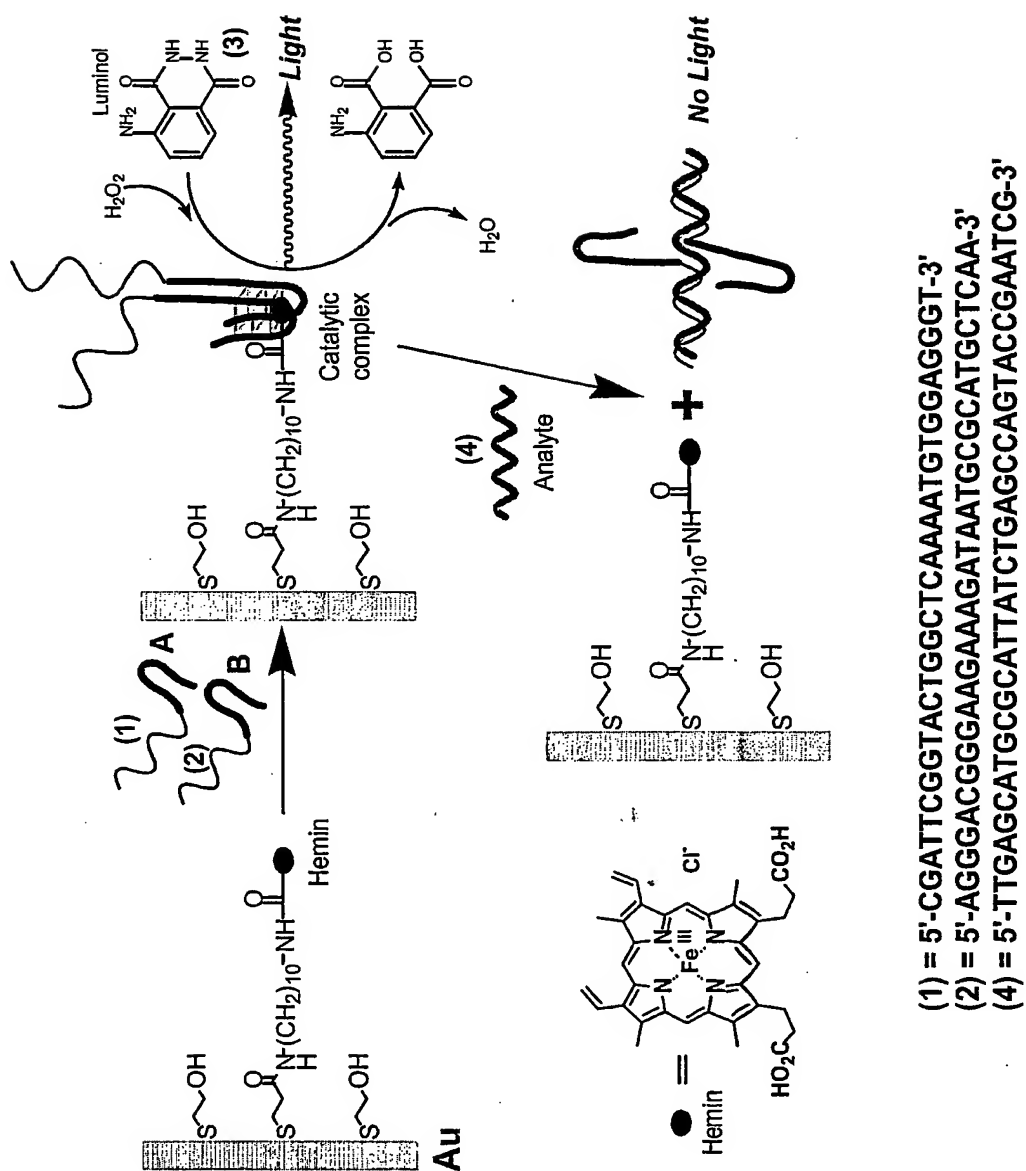


FIG.5

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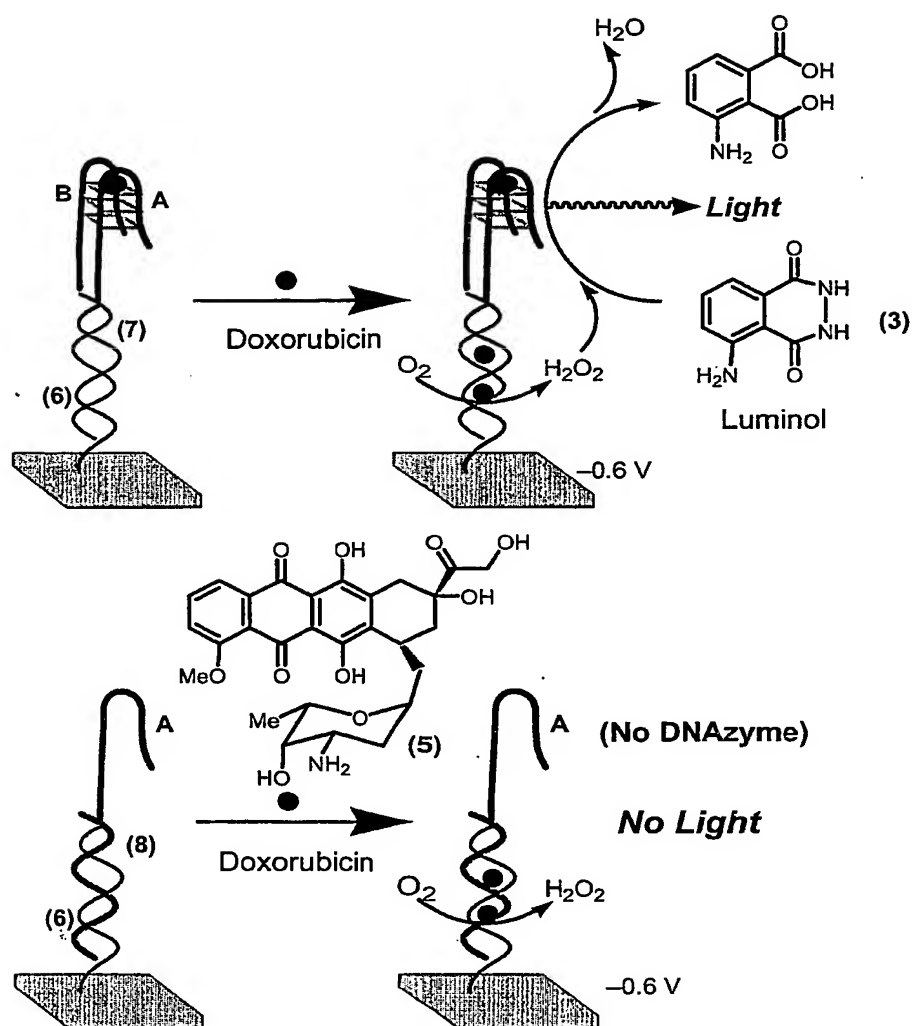


FIG. 6

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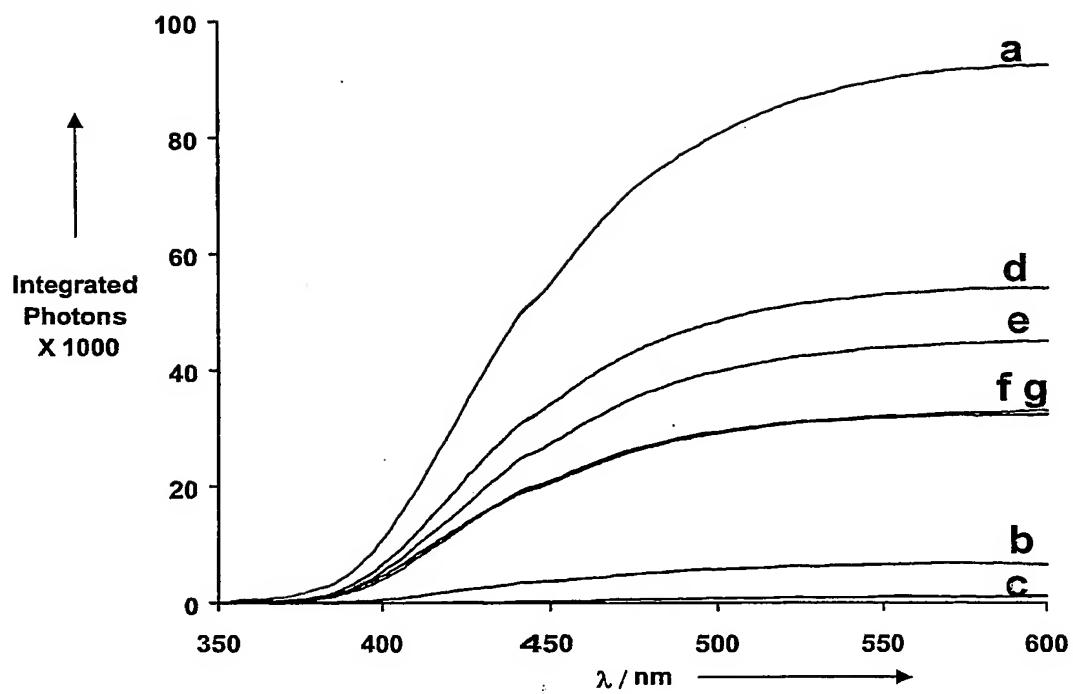


FIG. 7



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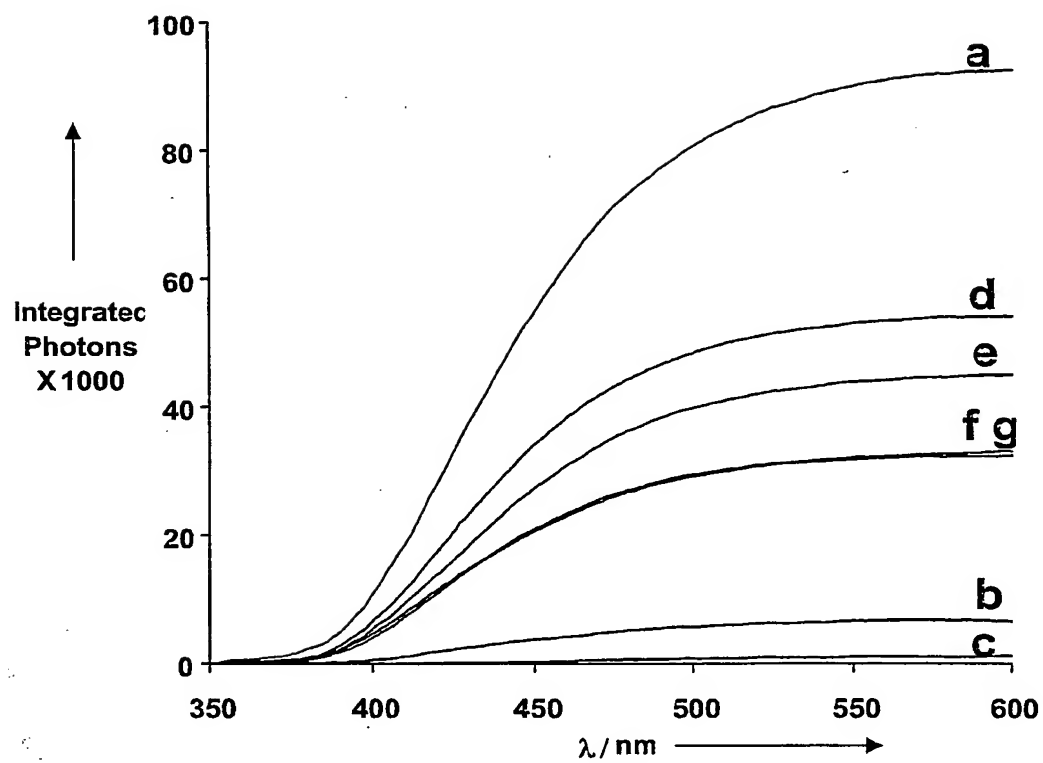


FIG. 8

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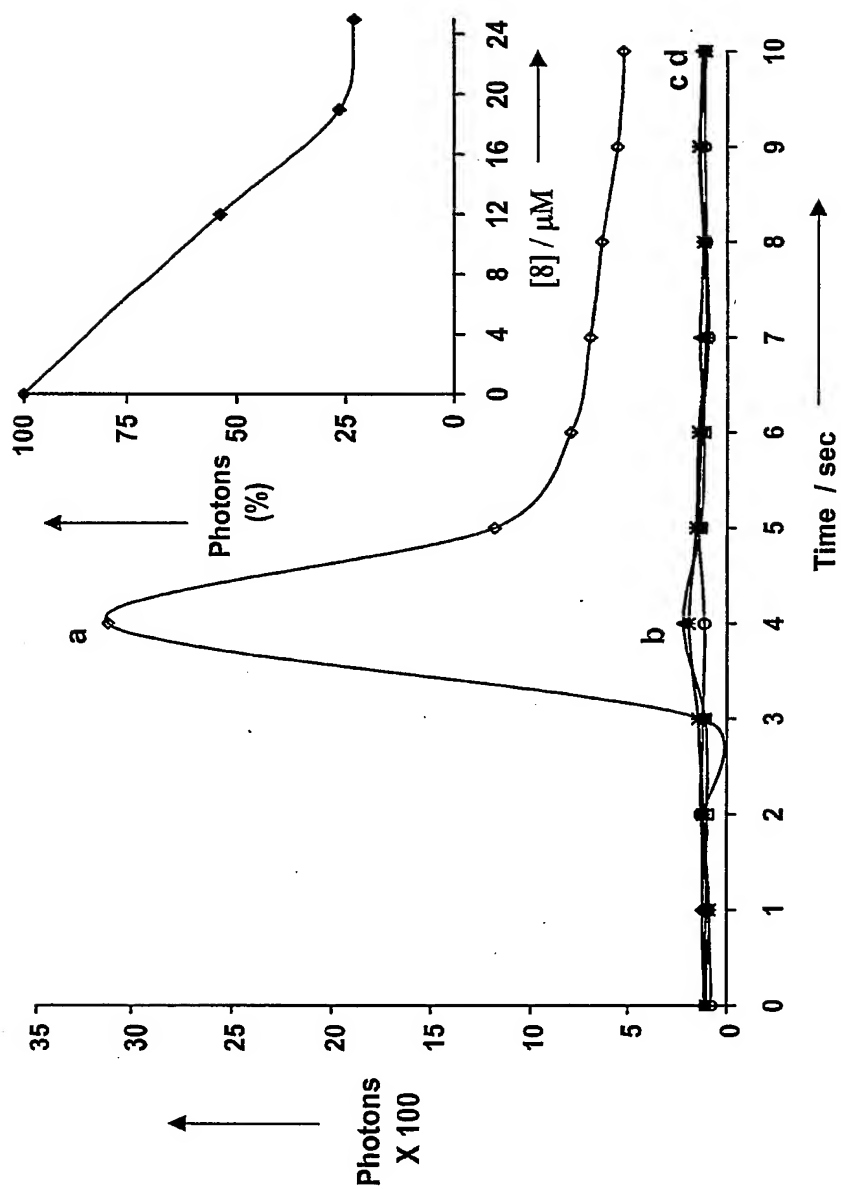


FIG. 9

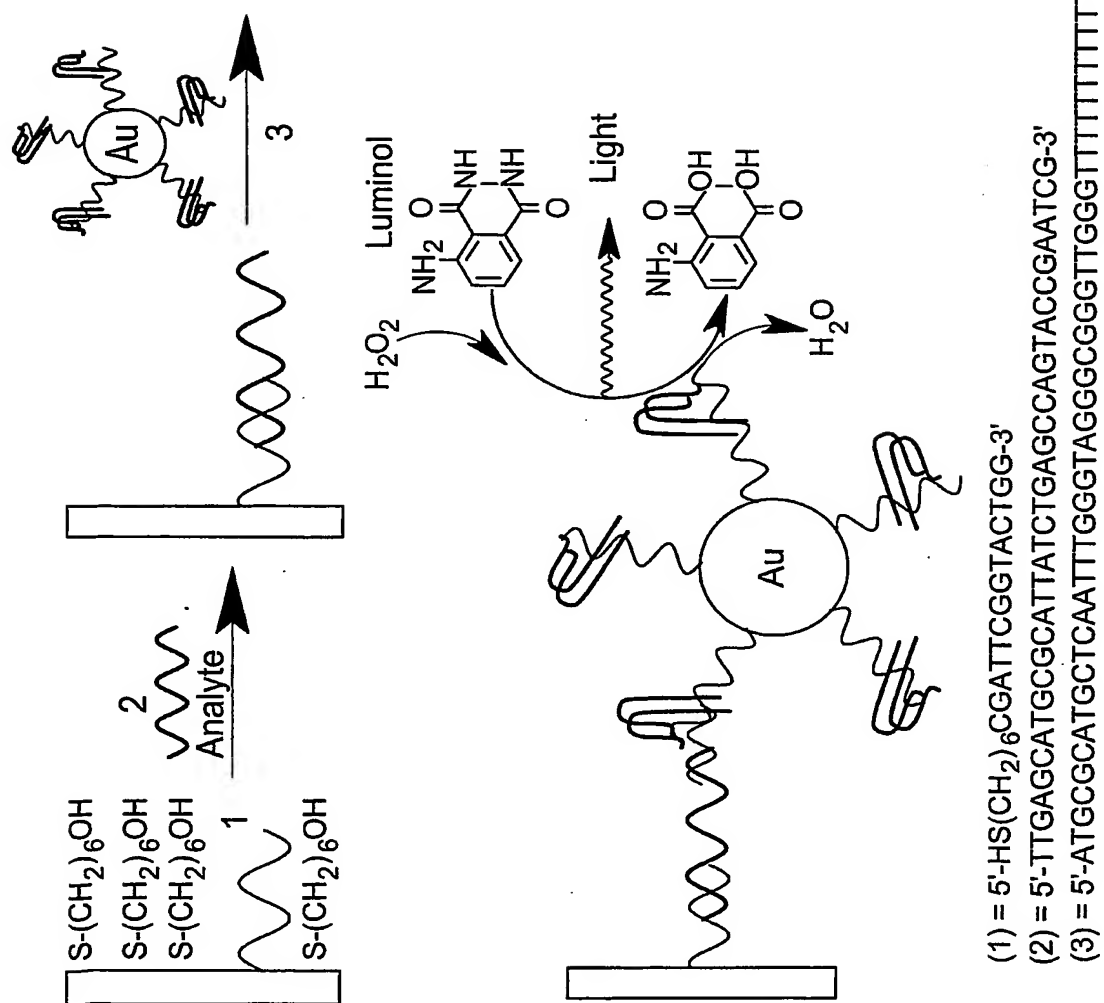


FIG. 10

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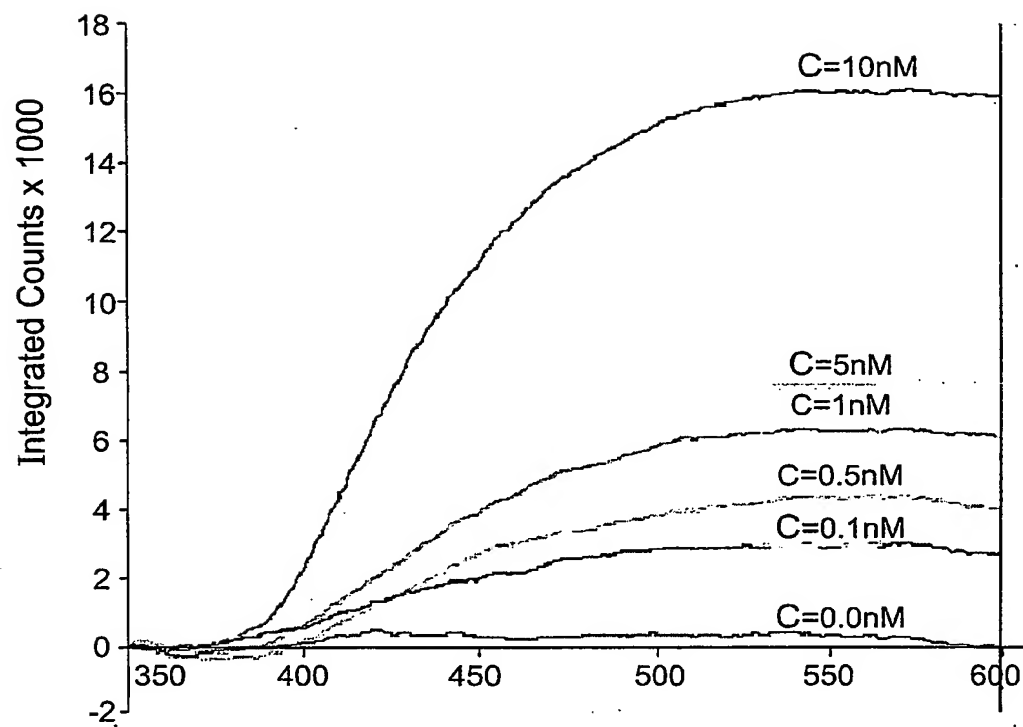
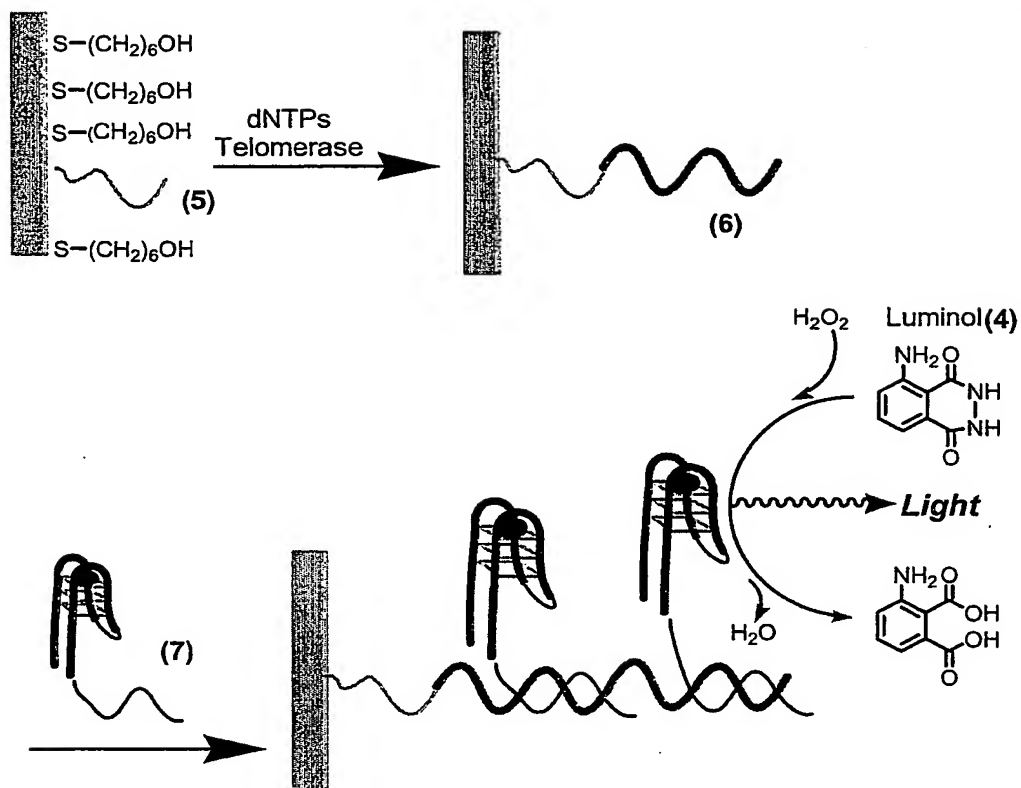


FIG. 11

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(5) = 5'-HS(CH<sub>2</sub>)<sub>6</sub>TTTTTTAATCCGTCGAGCAGAGTT-3'

(6) = 5'-(GGTTAG)<sub>n</sub>-3'

(7) = 5'-CTAACCCTAACCTTTGGGTAGGGCGGGTTGGG-3'

FIG. 12

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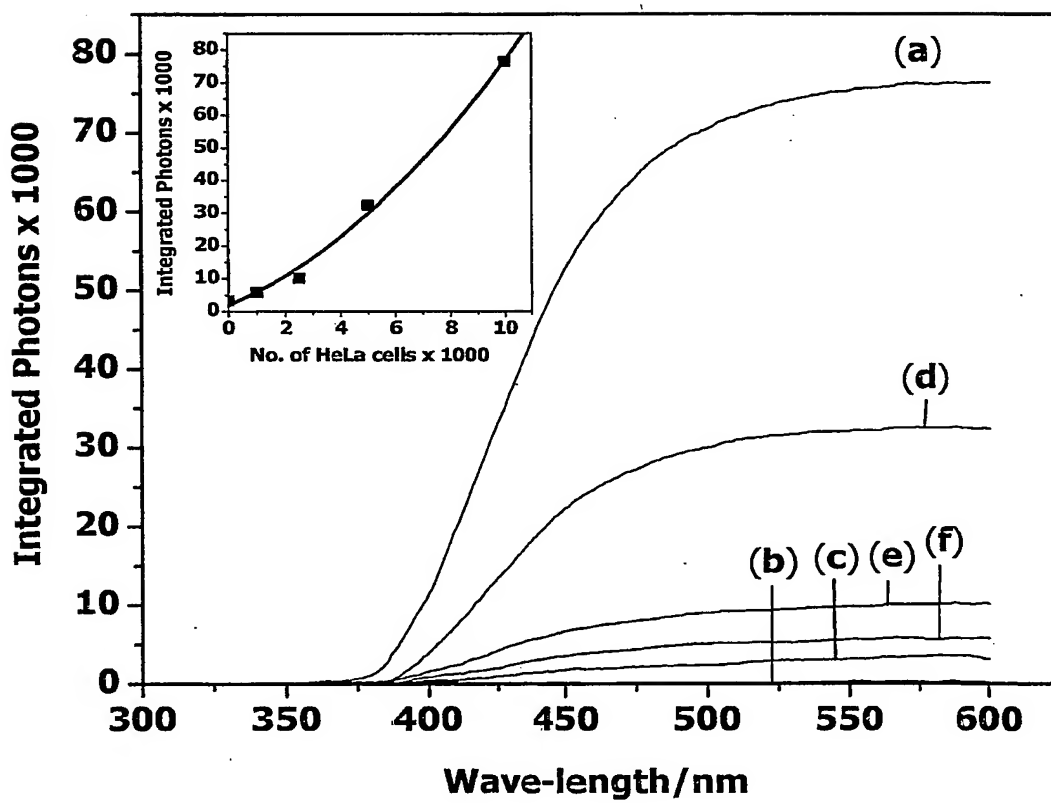


FIG. 13